FIG. 1

Sustainable Development Checklist

Project Manager: _____   Project Number: _____
Project Name: _____   Date: _____

Category	Indicator	Impact			
		Improve	Neutral	Deteriorate	Comments
Materials	Process yield/raw material usage				
	Material costs				
Energy	Energy use/ton product				
	Cost per energy unit				
Emissions	SO_2/ton product				
	GHG/ton product				
	Fluoride/ton product				
	Other emissions/ton product				
Effluents	Liquid volume/ton product				
	Metal/ton product				
	Solid wastes/ton product				
	Others				
By-products	Hazardous wastes				
	Saleable by-products				
	% recyclable				
Toxics	Use of toxics				
Water use	Water use intensity				
Land use	Land used/restored				
Health & Safety	Respiratory				
	Noise				
	Radiation				
	Hazards				
Community Involvement	# of meetings				
	# of participants				
Community Impacts	Health				
	Aesthetics				
	Economics				
	Employment				
	Quality of life				
Other					

FIG. 2

ELIMINATION OF WASTE

PRODUCTS DESIGNED FOR THE ENVIRONMENT

INTEGRATION OF ENVIRONMENT WITH MANUFACTURING

REPUTATION

ENVIRONMENT AS A CORE VALUE

INCIDENT-FREE WORKPLACE

2.00
1.50
1.00
0.50
0.00